



SN 09/776,086
Docket No. S-91,756
Response to Office Action dated June 3, 2002

Rev. 03/28/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Gary S. Selwyn et al.

S-91,756

Serial No.: 09/776,086

Examiner: R. Zervigon

Filed : February 2, 2001

Art Unit: 1763

For : PROCESSING MATERIALS INSIDE AN
ATMOSPHERIC-PRESSURE RADIOFREQUENCY
NONTHERMAL PLASMA DISCHARGE :

RESPONSE TO FIRST OFFICE ACTION

The Commissioner for Patents
Washington, DC 20231

Sir:

In response to the Office Action dated June 3, 2002, being paper number 3, please amend the above-described application as follows:

Initially, applicants affirm their election to prosecute Group I, being claims 1-17.

IN THE CLAIMS:

Claim 1 (Amended) Apparatus for processing materials in an atmospheric pressure radio-frequency non-thermal plasma comprising:

A¹ an electrically conductive enclosure defining an interior space with a surface and openings for introductions of a gas and for entry and exit of a material to be processed;

an electrode situated inside said interior space and spaced apart from said surface of said interior space a distance sufficient to allow placement of said material to be processed;

a mechanical action for placing said material to be processed inside said interior space on said electrode or between said electrode and said electrically conductive enclosure;

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